

2009220-29928001

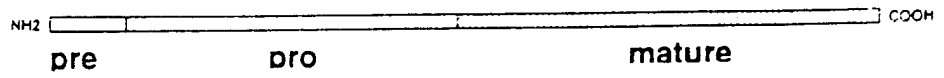


Figure 1

200220 2992994

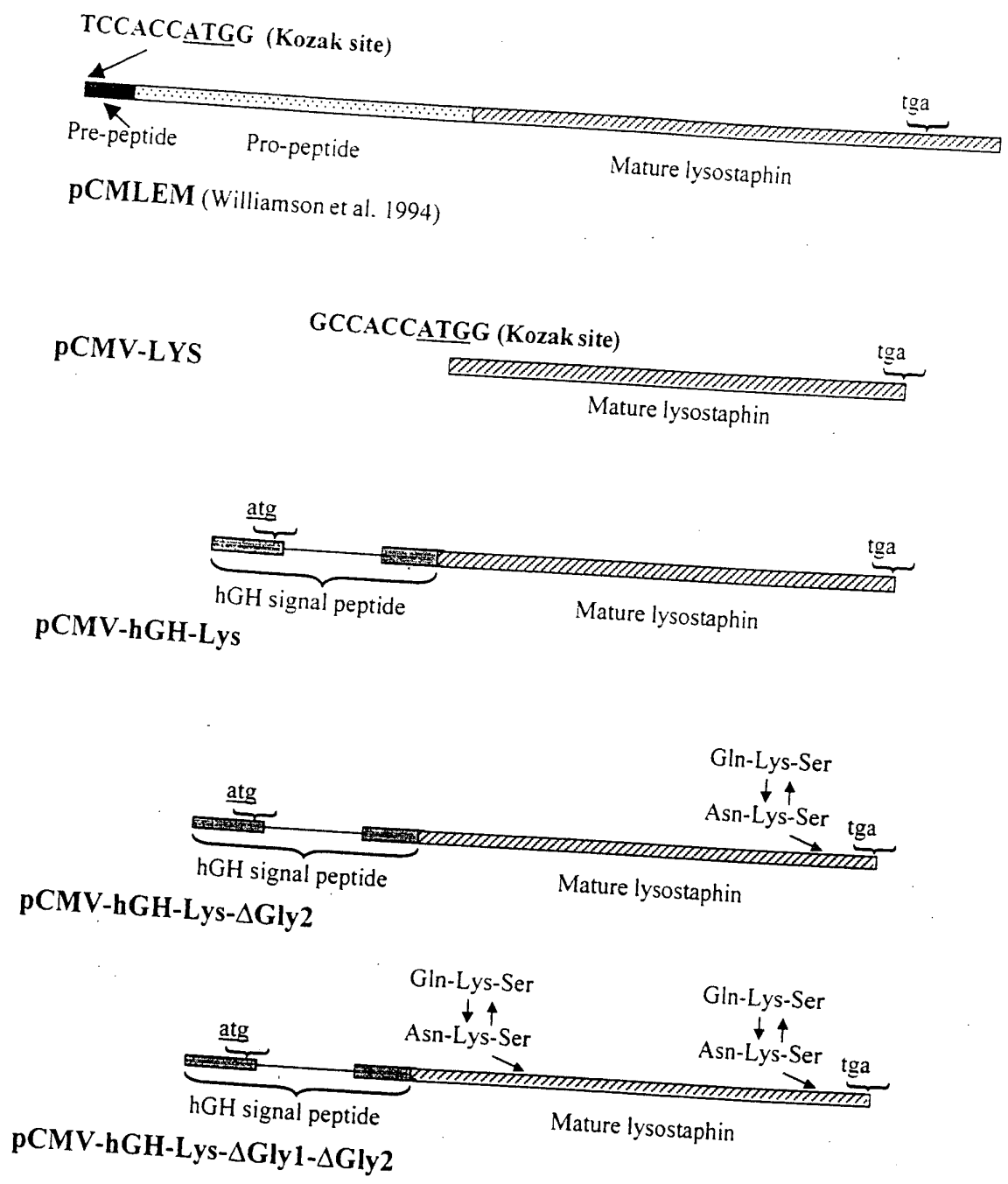


Figure 2

10087567 2392007

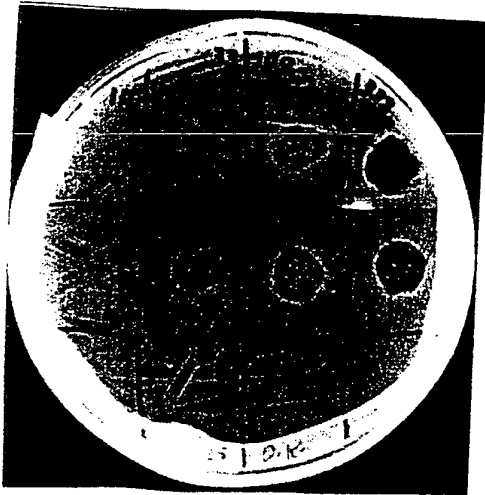


Figure 3

200320 252000

Plasmid		GH	Lys	GH	Lys	Lys
Reaction buffers	-	-	-	+	+	+
N-Glycosidase-F	-	-	-	-	+	-

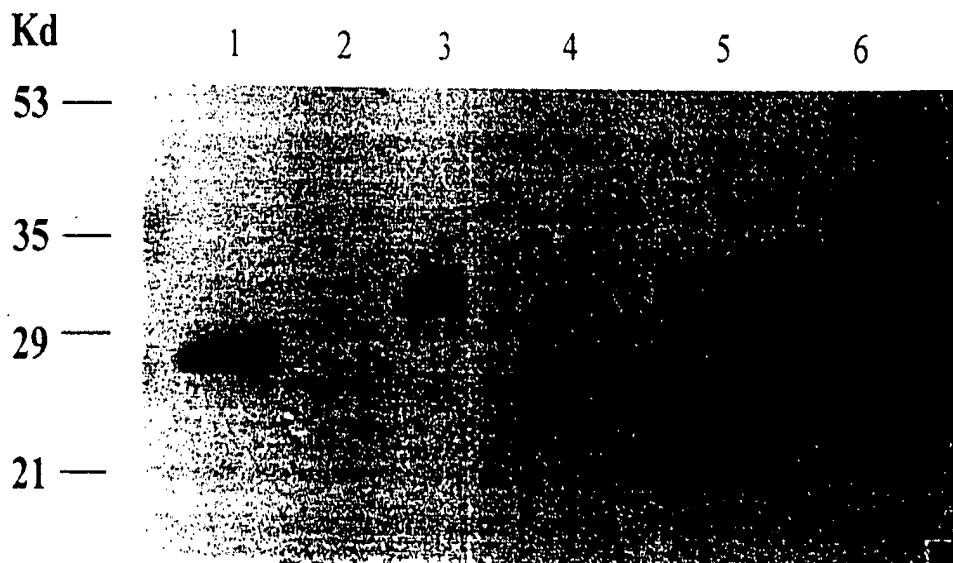


Figure 5

10037567 00000

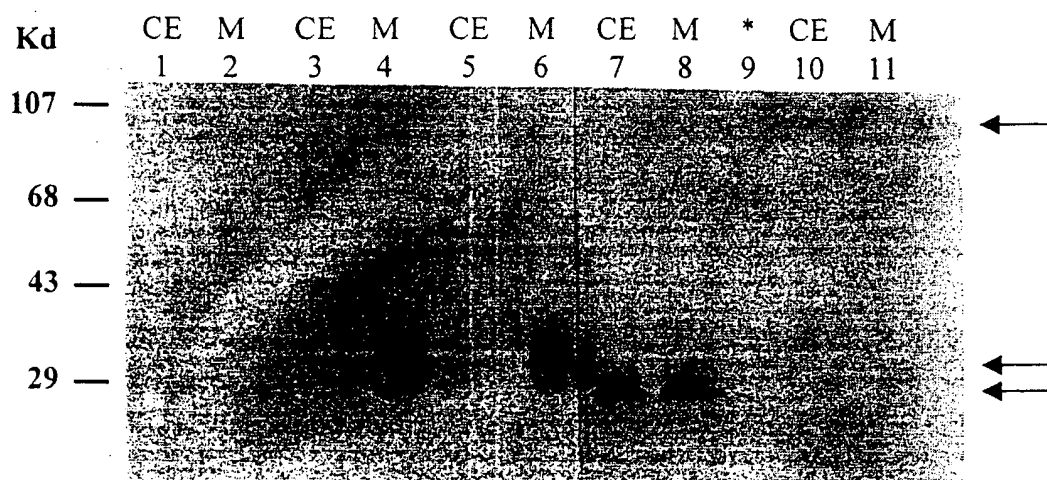
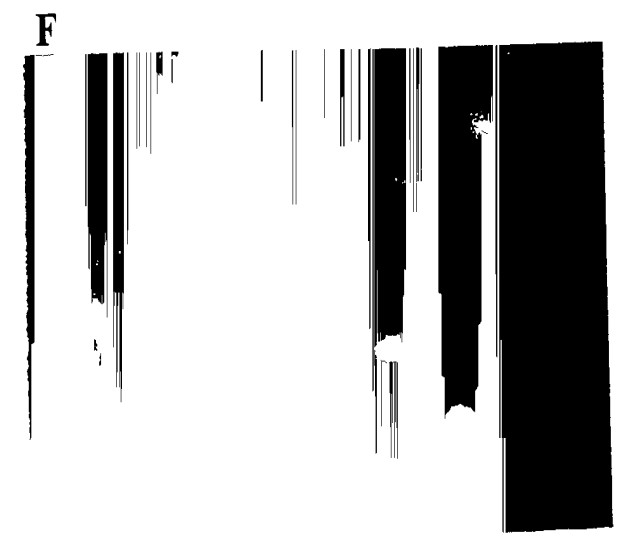
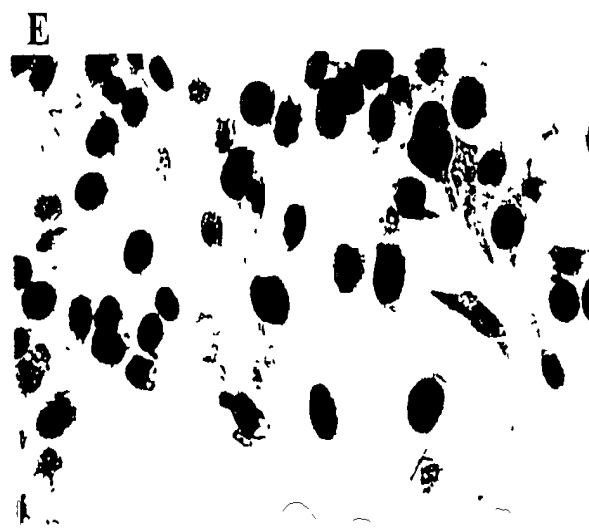
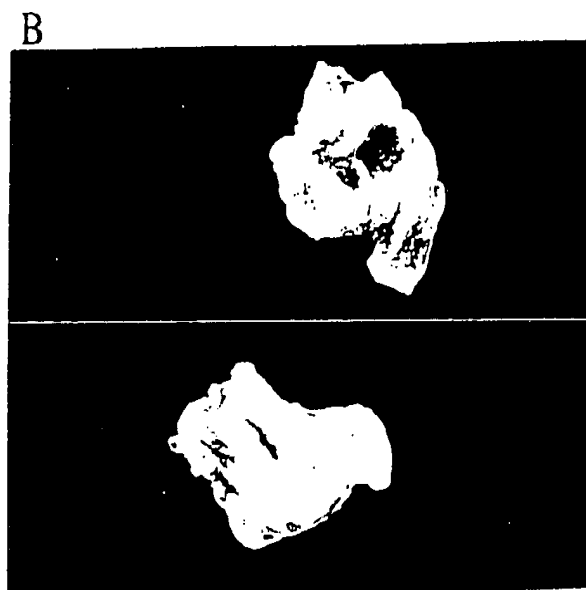
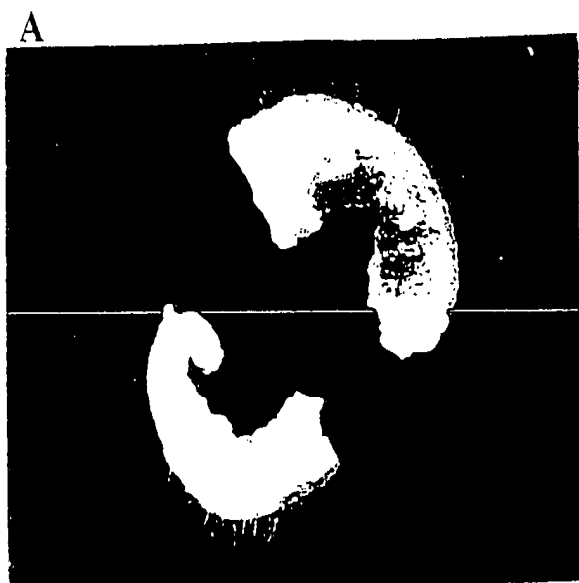


Figure 6



2025-01-20 14:29:29

10087657-022002

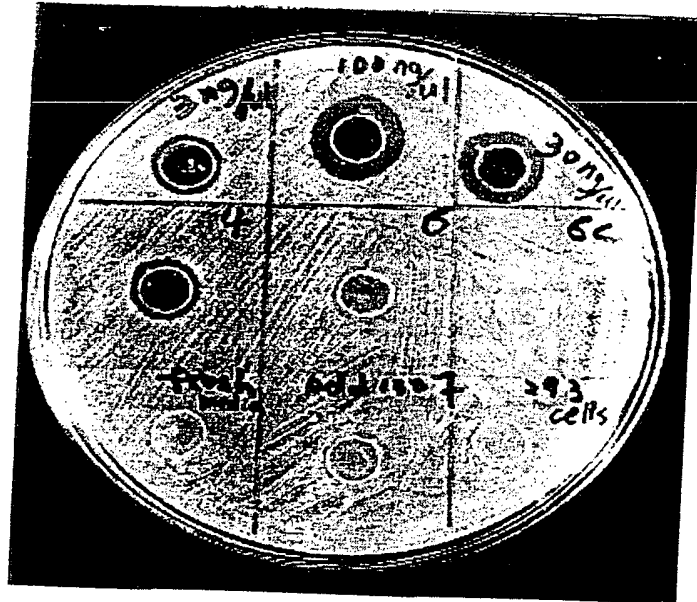


Figure 3



200202 232800

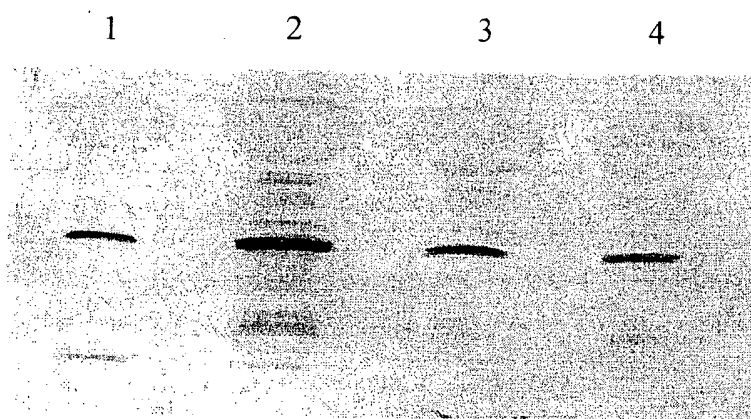


Figure 9

2002072920007

Lysostaphin  
(ng/ml)

Dilutions of  
Transgenic Milk

Dilutions of  
Control Milk

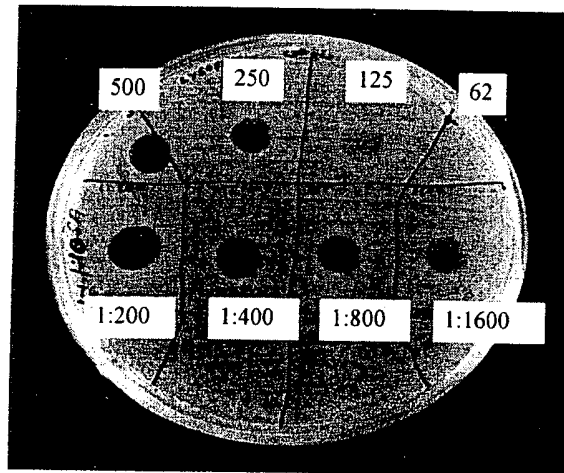


Figure 10

Figure 11

A.

ORIGIN

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121 gctgtgttgt atatttcac aaatcaatc aatattattt tactttcttc atcgtaaaaa
181 aatgtaatat ttataaaaa atgctattct cataaatgta ataataaatt aggaggtatt
241 aaggttgaag aaaacaaaa acaattatta tacgagacct ttagctattg gactgagtac
301 atttgcctta gcatctattg tttatggagg gattcaaaat gaaacacatg cttctgaaaa
361 aagtaatatg gatgtttcaa aaaaagtagc tgaagtagag acttcaaaaag cccagtaga
421 aaatacagct gaagtagaga cttcaaaagc tccagtagaa aatacagctg aagtagagac
481 ttcaaaagct ccagtagaaa atacagctga agtagagact tcaaaagctc cagtagaaaa
541 tacagctgaa gtagagactt caaaagctcc ggtagaaaat acagctgaag tagagacttc
601 aaaagcccca gtagaaaata cagctgaagt agagacttca aaagccctgg ttcaaaatag
661 aacagcttta agagctgcaa cacatgaaca ttcagcacia tgggtgaata attacaaaaa
721 aggatattgg tactggtcct atccattagg tataaatggc ggtatgcact acggagttga
781 tttttttatg aatattggaa caccagtaaa agctatttca agcggaaaaa tagttgaagc
841 tgggtggagt aattacggag gaggtaatca aataggctct attgaaaatg atggagtga
901 tagacaatgg tatatgcac taagtaaata taatgtttaa gtaggagatt atgtcaaagc
961 tgggtcaaata atcggttggg ctggaagcac tgggtattct acagcaccac atttacactt
1021 ccaaagaatg gttaattcat tttcaaattc aactgcccaa gatccaatgc ctttcttaaa
1081 gagcgcagga tatggaaaag caggtggtac agtaactcca acgccgaata caggttggaa
1141 aacaaacaaa tatggcacac tatataaatc agagtcagct agcttcacac ctaatacaga
1201 tataataaca agaacgactg gtccatttag aagcatgccc cagtcaggag tcttaaaagc
1261 aggtcaaaca attcattatg atgaagtgat gaaacaagac ggtcatgttt gggtaggtta
1321 tacaggtaac agtggccaac gtatttactt gcctgtaaga acatggaata aatctactaa
1381 tacttttagt gttctttggg gaactataaa gtgagcgcgc tttttataaa cttatatgat
1441 aattagagca aataaaaatt ttttctcatt cctaaagtgg aagcct

```

B.

BASE COUNT

ORIGIN

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121 attggaacac cagtaaaaagc tatttcaagc ggaaaaatag ttgaagctgg ttggagtaat
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241 atgcatctaa gtaaaataaa tgtaaagta ggagattatg tcaaagctgg tcaaataatc
301 ggttggctcg gaagcactgg ttattctaca gcaccacatt tacacttcca aagaatgggtt
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421 ggaaaagcag gtggtacagt aactccaacg ccgaatacag gttggaaaac aaacaaatat
481 ggcacactat ataaatcaga gtcagctagc ttcacaccta atacagatat aataacaaga
541 acgactggtc catttagaag catgccgcag tcaggagtct taaaagcagg tcaaacaatt
601 cattatgatg aagtgatgaa acaagacggg catgtttggg taggttatac aggtaacagt
661 ggccaacgta ttactttgcc tgaagaaca tggaaataat ctactaatac tttaggtggt
721 ctttggggaa ctataaagtg a

```

Figure 12

"MKKTKNNYYTRPLAIGLSTFALASIVYGGIQNETHASEKSIMOV

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VETSKAPVENTAEVETSKAPVENTAEVETSKALVQNRTALRLATHEHSAQWLNYYKKG  
YGYGPYPLGINGGMHYGVDFFMNIGTPVKAISSGKIVEAGWSNYGGGNQIGLIENDGV  
HRQWYMHLSKYNVKVG DYVKAGQII GWSGSTGYSTAPHLHFQRMVNSFSNSTAQDPM?  
FLKSAGY GKAGGTVTPTPTNTGWKTNKYGTLYKSESASFPTNTDII TRTTGPFERSMPQS  
GVLKAGQTIHYDEV MKQDGHVWVG YTGNSGQRIYLPVRTWNKSTNTLGVLWGTIK"

1	gccgcaacac	atgaacattc	agcacaatgg	ttgaataaatt	acaaaaaagg	atatgggttac
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361	aactcattttt	cacagtcaac	tgcccaagat	ccaatgcctt	tcttaaagag	cgcaggatat
421	ggaaaagcag	gtggtacagt	aactccaacg	ccgaatacag	gttgaaaaac	aaacaatat
481	ggcacactat	ataaatcaga	gtcagctagc	ttcacaccta	atacagatat	aataacaaga
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601	cattatgatg	aagtgatgaa	acaagacggt	catgtttggg	taggttatac	aggtaacagt
661	ggccaacgta	tttacttgcc	tgtgagaaca	tggcagaagt	ctactaatac	tctggggtgtt
721	ctgtggggaa	ctataaaagt	a			

[illegible]

Figure 14

A.

ORIGIN

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301  cttctctcgg  agcagcatat  gaagaagatt  tccaaggcgg  gactggggct  ggcgctgggtg
361  tcgogcctgg  cgacgatcgg  cggcaacgca  gcgcgcaggg  ccacggctca  gcgcgcagga
421  tctgggtgat  tctacgacga  gatgttcgac  ttgcacatcg  atgcgcctct  ggccaagcat
481  gcgcgcctat  tgcacaagca  ctcggaagag  atctgcact  gggccggcta  cagcggtatc
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1021  ggcgccggct  ggggcagcaa  ccagaacggc  aactgggtgt  cggcctcggc  cgcggctcgc
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1201  atcgccaacc  cggccaacac  ccaggcgcg  gcgctgtgca  acggcgcca  gtcgacgggc
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1321  ctgtcgggct  atcgcatcac  cgcgaccggc  agcagctatg  acaccaactg  cagccggttc
1381  tatctgacca  agaacggcca  gaactactgc  tacggctatt  acgtcaaccc  gggcccgaac
1441  tgaggctcgc  cgcgtgcgtt  gccgcgctcc  tcaagcgccc  cagcgcgggg  gcgcgggac
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```

B.

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GRAARRRRVPAGLRPPVQRTAPGQGGFGPLRQGRPGRAAVSPNGLLQFPFPRGASWHVG

GAHTNTGSGNYPMSSLDMSRGGGWGNSNQNGNWSASAGSFKRHSSCFAEIVHTGG

WSTTYHLMNIQYNTGANVSMNTAIANPANTQAQALCNGGQSTGPHEHWSLKQNGSFYH

LNGTYLSGYRITATGSSYDTNCSR FYLT KNGQNYCYGYVNP GPN"

1000767 292007

Figure 15

A

ORIGIN

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181 attctcataa atgtaataat aaattaggag gtattaaggt tgaagaaaac aaaaaacaat
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361 gtagctgaag tagagacttc aaaaccccca gtagaaaata cagctgaagt agagacttca
421 aaagctccag tagaaaatac agctgaagta gagacttcaa aagctccagt agaaaataca
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661 ccagtagaaa atacagctga agtagagact tcaaaaagctc cggtagaaaa tacagctgaa
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901 caaaatagaa cagctttaaag agctgcaaca catgaacatt cagcacaatg gttgaataat
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1021 ggagttgatt tttttatgaa tattggaaca ccagtaaaag ctattttcaag cggaaaaata
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1681 tatatgataa ttagagcaaa taaaaatttt ttctcattcc taaagttgaa gcttttcgta
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1801 agccggaaca taaagtgcata agcct

```

B

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PVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTA  
EVETSKALVQNRTALRAATHEHSAQWLNNYKKGYGYPYPLGINGGIHYGVDFFMNIG  
TPVKAISSGKIVEAGWSNYGGGNQIGLIENDGVHRQWYMHLSKYNVKGVDYVKAGQII  
GWSGSTGYSTAPHLHFQRMVNSFSNSTAQDPMFPLKSAGYGKAGGTVTPTPNTGWKTN  
KYGTLYKSESASFTPNTDIIITRTTGPFRRMPQSGVLKAGQTIHYDEVKQDGHVWVG  
TGNSGQRIYLPVRTWNKSTNTLGVLWGTIK"

*(The following names are those of the persons who have been elected to the office of Justice of the Peace for the year ending March 31st, 1908.)*

1	gatatcatatt	caaagacaga	tattctaaag	aaaagatata	ttttaaaaaa	tgtggttgaa
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121	tctgatttca	ctaataatgc	tgtttacgca	agtgattaca	ttttaatggt	atttcaaaaa
181	caacaatctg	cttatgaaag	tagtctttca	tttgtttaatt	ttttaaggga	tcaaaaaaaaa
241	gaatcagatt	tatcatttga	attgggtggc	gctgttccag	tattaattaa	aaaaagtgga
301	cgtgtagata	aacagatatt	agatatgtct	aaatcagcat	tttctgaagc	actctttgag
361	aaccagatat	atcaaaagaga	aagaataaaa	aaattttgccg	ctgatggaat	aaaagataaa
421	gatattgcatt	acaaaaaaagt	tatatatatg	tttaacaaag	tctacgaaga	attagttgat
481	agagttagat	taattgaaag	tgagtgatat	ttatggcagg	attttttagat	aacatagata
541	catctgaggt	aaaatatacg	gaaaattata	aaccggatc	taaaagtaag	actatgagag
601	tggacactga	tataaaaaaa	agattaaatc	aaatggcggt	agataaagat	acatctataa
661	aggctatagt	tgargaagtg	ttaggagaat	ttttgaaaaa	aaataagtat	tagtatttta
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841	ctatgtctaa	tattatatca	atcacccctg	gaattaaaga	taaaaatata	acttttgaag
901	ataagggttg	agaaagtata	aagggaaaaa	ttcttttatt	tactttggaa	aattaatata
961	ttctcccaag	cgatgtaaac	tttgccgaca	cgaaaatacg	aacttttcta	taatacaaaaa
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1141	tgtcgttgag	tggaattgct	atattttctca	aaacacacga	ttagctgtgc	tgaataagtc
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1321	ggaacacttg	atgatggatg	agttcaaaaag	cgttaaaaaat	gttgctcggt	aaatgagttt
1381	tattttatgca	gatgcagtaa	cacaccgtat	tattgatatt	gtgcctgacc	gcagggtatt
1441	tgcttttgaaa	aattattttct	accgtttatcc	tctttctgaa	agaaaatgtg	tgaagcagct
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1561	aattctataa	gttcattttcc	atattgttca	gtcttttaaat	aaagccttga	acatgactcg
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1861	cagagaatat	cttttggtta	tagaaatttt	ggtgatttac	gcagtcgtat	cattttatgt
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1981	ctgcgttttt	gctcaccagt	cttattttgac	agagagccaa	taaaattaac	ggagggagaa
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2161	aacaaatgta	aatatgtatt	tataaggaaa	aggatatttaa	aattattctg	agttatataa
2221	ggtagtattc	ataatcatcc	taaagttgaa	ctcgaaaagc	ttcaacttta	ggaatgagaa
2281	aaaatttttt	tttgctctaa	ttatcatata	agtttataaa	aagcgcgctc	actttatagt
2341	tcccaaaaga	acacctaaaag	tattagtaga	tttattccat	gttcttacag	gcaagtaaat
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2461	atcataatga	attgtttgac	ctgcttttaa	gactcctgac	tgcggcatgc	ttctaaatgg
2521	accagtcggt	cttggtatta	tatctgtatt	aggtgtgaag	ctagctgact	ctgatttata
2581	tagtgtgcca	tattttgtttg	ttttccaacc	tgtattcggc	gttggaagta	ctgtaccacc
2641	tgctttttcca	tatcctgcgc	tctttaagaa	aggcattgga	tcttgggcag	ttgaatttga
2701	aatgaatta	accattcttt	ggaagtgtaa	atgtggtgct	gtagaataac	cagtgcttcc
2761	agaccaaccg	attattttgac	cagctttgac	ataatctcct	actttaacat	tatttttact
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2881	tctccgttaa	ttactccaac	cagcttcaac	tattttttccg	cttgaaatag	cttttactgg
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3001	ataaggaccg	taaccatata	ctttttttgta	attattcaac	cattgtgctg	aatgttcatg
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Figure 16 (page 2 of 2)

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3661 ttcagctact ttttttgaac catccatatt acctttttca gaagcatgtg tttcatcttg
3721 aatccctcca taaacaatag atgctaaggc aaatgtactc agtccaatag ctaaaggctt
3781 cgtataataa ttgttttttg ttttcttcaa ccttaatacc tcctaattta ttattacatt
3841 tatgagaata gcatattttt ataaatatta ctttttttaa cgtatgaaga agtaaaataa
3901 tattgattga ttttgatgaa atatacaaac acactcaaaa attgacttta agatttttga
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4021 ggaatttttca aaactaaaca ttcaagagtt cgaagaattt gtgtttcaaa aaatgtctca
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4201 ttgtttaaag ttctttaaat atttctatac acatcgcggt ccagtcatga actttaaaga
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4321 ctttatgttt ttaactgacc cttacctgtt agaaaatatt cgaagtgtgt acggagaaat
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40007567 23000

Figure 17

"MKKTKNNYYTRPLAIGLSTFALASIVYGGIQNETHASEKSNMDV  
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NTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVET  
SKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVE  
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2022-03-23 10:23:04

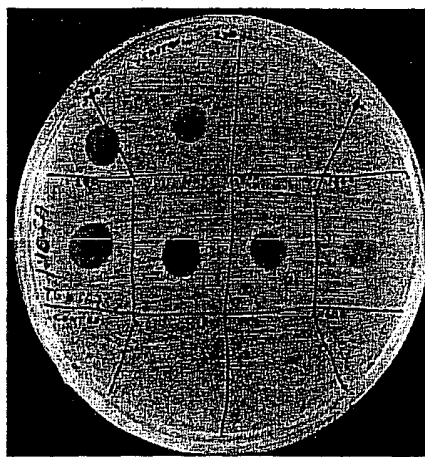
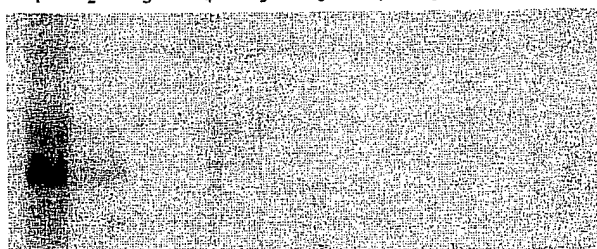


Figure 18

177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995.

| 1             | 2             | 3     | 4    | 5     | 6      | 7      | 8      | 9            | 10                           |
|---------------|---------------|-------|------|-------|--------|--------|--------|--------------|------------------------------|
| Mammary gland | Mammary gland | Brain | Lung | Heart | Spleen | Muscle | Kidney | Repro. tract | Non-transgenic mammary gland |



1 ug total RNA

Figure 19